

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Vallejo, CA 94592-1133
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021879**Date Inspected:** 23-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Le Feng /Qiu Wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Bike Path**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Scott Leavitt, was present during the times noted above for observations relative to the work being performed.

Visual Inspection

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08267.

This QA inspector performed VT of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel.

The members are identified as:

BK008A3-002-021, 022, 045, 046, 030, 031, 058, 057

BK008A4-002-004, 005, 030, 031, 056, 057, 019, 020, 045, 046, 071, 072

BK008A2-002-001, 003, 004, 005, 006, 007, 009, 010, 011, 012

BK008A3-002-019, 020, 043, 044, 032, 033, 058, 059, 005, 009

BK008A4-002-006, 007, 032, 033, 058, 059, 021, 022, 047, 048, 073, 074

BK008A5-002-004, 007

BK008A6-002-003, 152, 005, 153, 025, 159, 027, 125, 004, 150, 006, 151, 156, 010, 157, 037, 161, 039, 128, 009, 154, 011, 155, 072, 073

BK008A8-002-003, 122, 005, 124, 025, 026, 027, 028, 004, 121, 006, 123, 008, 127, 010, 128, 037, 038, 039, 129, 009, 125, 011, 126, 072, 073

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The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08271.

This QA inspector performed VT of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel.

The members are identified as:

BK009A5-001-010, 011, 012, 016, 017, 018, 002, 003

BK009A7-001-067, 068, 069, 070, 071, 072, 073, 074, 080, 081, 082, 083, 084, 085, 086, 087, 223, 224, 225, 226, 227, 228, 229, 230, 297, 298, 299, 300, 301, 302, 303, 304, 312, 313, 314, 315, 316, 317, 318, 319, 455, 456, 457, 458, 459, 460, 461, 462, 530, 531, 532, 533, 556, 557, 558, 559

Magnetic Particle Inspection (MT)

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08267.

This QA inspector performed MT of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date.

The members are identified as:

BK008A3-002-021, 022, 045, 046, 030, 031, 058, 057

BK008A4-002-004, 005, 030, 031, 056, 057, 019, 020, 045, 046, 071, 072

BK008A2-002-001, 003, 004, 005, 006, 007, 009, 010, 011, 012

BK008A3-002-019, 020, 043, 044, 032, 033, 058, 059, 005, 009

BK008A4-002-006, 007, 032, 033, 058, 059, 021, 022, 047, 048, 073, 074

BK008A5-002-004, 007

BK008A6-002-003, 152, 005, 153, 025, 159, 027, 125, 004, 150, 006, 151, 156, 010, 157, 037, 161, 039, 128, 009, 154, 011, 155, 072, 073

BK008A8-002-003, 122, 005, 124, 025, 026, 027, 028, 004, 121, 006, 123, 008, 127, 010, 128, 037, 038, 039, 129, 009, 125, 011, 126, 072, 073

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Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang at 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Leavitt, Scott	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
